

TABLE 1
SUMMARY OF PCB SOURCE AND SUBSTRATE DATA AND VERIFICATION SAMPLING
RIBICOFF BUILDING
FORMER NORWICH STATE HOSPITAL
PRESTON, CONNECTICUT

SAMPLE DATE	Sample #	Source Material Description	Sample Description						Samples Collected	Confirmation Samples	Photo
				Source (maximum concentration)	Directly under Source	8" from Source	Quantity				
Windows on Elevations A and C											
10/5/2010	NOBIS, 8-24-PCB-26	Window Caulk (Sides A & C)	Caulk	202 PPM			645 LF	2	6 samples/row (1 sample/30 ft)	1, 2, 5, 8, 9	
10/7/2011	10-7-PCB-01,02,03 8-24-PCB-12-14	Window Caulk (Sides A & C)	Brick Mortar substrate (exterior)		17 PPM	.64 PPM		6			
10/7/2011	10-7-PCB 13-15,33-35	Window Caulk (Sides A & C)	Concrete Block Substrate (interior)		0.29 PPM	ND		6			
Window Sashes Elevations A and C											
8/24/2011	8-24-PCB-03-05	Interior Window Glaze (A & C Side)	Glaze (interior)	1.3 PPM	NA	NA	73 sashes	3	none	9	
Window Sills Elevations A and C											
10/5/2010	NOBIS, 8-24-PCB-01	Stone Sill Caulk (sides A&B)	Caulk	147,000 PPM			836 LF	2	4 samples/row (1 sample/30 ft)	5	
8/24/2011	8-24-PCB-06-08	Stone Sill Caulk (sides A&B)	Brick/Mortar Substrate		ND			6			
Window Lintels Elevations A and C											
8/24/2011	8-24-PCB-09-11	Brick Above Steel Lintels	Brick Mortar Substrate		ND		836 LF	3	4 samples/row (1 sample/30 ft)	5, 6	
Front Entry Door Side A											
10-5-201	NOBIS	Front Door Caulk (A Side)	Caulk	2.51 PPM				1	3 samples/door	7, 8	
8/24 & 10/2/11	10-7-PCB-10-12, 8-24-PCB-29-30	Front Door Caulk (A Side)	Granite/Mortar Substrate		ND	ND	1 Unit	5			
8/24/2011	8-24-PCB-31-32	Front Door Caulk (A Side)	Concrete Block Substrate (interior)		ND			2			
Side Entry Door (Side D)											
10-5-201	NOBIS	Side Door Caulk (D Side)	Caulk	1.23 PPM				1	3 samples/door	15	
8/24 & 10/2/11	10-7-PCB-04, 8-24-PCB-15	Side Door Caulk (D Side)	Brick/Mortar Substrate		ND		1 Unit	2			
Stairwell Window & Door Systems (Sides B & D)											
8/24/2011	8-24-PCB-27, 28	Stairwell Window/Door System (Sides B & D)	Caulk (exterior)	0.77 PPM			250 LF	2	5 samples/system	10, 11, 12, 14	
10/7/2011	10-7-PCB-05-06, 17-19	Stairwell Window/Door System (Sides B & D)	Brick/mortar substrate		ND	ND		5			
8/24/2011	8-24-PCB23-24	Stairwell Window/Door System (Sides B & D)	Caulk (interior)	4.6 PPM			410 LF	2			
8/24 & 10/2/11	8-24-PCB-20-22, 10-7-PCB-07-09	Stairwell Window/Door System (Sides B & D)	Concrete Block Substrate (interior)		ND	ND					
Roof Parapet											
5/17/12	5-17-PCB-10, 11, 12	Caulk on cap & wall	Caulk	13 PPM			100 LF		1 sample/20 ft	Figure 2	
KEY				ANALYTICAL METHOD							
ND = NON DETECTED				SOXHLET EXTRACTION 8082 (Reporting Limit = <1PPM)							

NOTE: Front Elevation = Side A (north), Left Elevation = Side B (east), Rear Elevation = Side C (south), Left Elevation = Side D (west)

Table 2

Summary of Soil PCB Analytical Data
 Former Norwich State Hospital - Ribicoff Building
 November 2011

Parameter	CT RSR Criteria		RF-S-1	RF S-1	RF-S-2	RF-S-3	RF-S-4	RF-S-5	RF-S-6	RF-S-7	RF-S-8	RF-S-9	RF S-9	RF-S-10	RF-S-11	DUP-1
Sample Depth			(0-3")	(1')	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(1')	(0-3")	(0-3")	(0-3")
Date Sample Collected	RES DEC	I/C DEC	10/25/11	11/9/11	10/25/11	10/25/11	10/25/11	10/25/11	10/25/11	10/25/11	10/25/11	10/25/11	11/9/11	10/25/11	10/25/11	10/25/11
PCBs (mg/Kg)																
PCB-1016	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
PCB-1221	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
PCB-1232	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
PCB-1242	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
PCB-1248	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
PCB-1254	NE	NE	1.6	ND<0.11	ND<0.11	ND<0.1	ND<0.1	0.23	ND<0.1	ND<0.11	ND<0.1	7.4	ND<0.1	0.58	1.4	1.7
PCB-1260	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
PCB-1262	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
PCB-1268	NE	NE	ND<0.12	ND<0.11	ND<0.11	ND<0.1	ND<0.1	ND<0.11	ND<0.1	ND<0.11	ND<0.1	ND<0.59	ND<0.1	ND<0.12	ND<0.12	ND<0.11
Total PCBs	1	10	1.6	ND	ND	ND	ND	0.23	ND	ND	ND	7.4	ND	0.58	1.4	1.7

CT RSR - Connecticut Remediation Standard Regulations

RES DEC - Residential Direct Exposure Criteria

I/C DEC - Industrial / Commercial Direct Exposure Criteria

PCBs - Polychlorinated Biphenyls

mg/Kg - milligrams per Kilogram

Bolded and Boxed - Exceeds CT RSR criteria

Table 2

Summary of Soil PCB Analytical Data

Former Norwich State Hospital - Ribicoff Building

November 2011

Parameter	CT RSR Criteria		RF S-11	RF S-12	RF S-12	RF S-13	RF S-14	RF S-15	RF S-16	RF S-17	RF S-17	RF S-18	RF S-18	RF S-19	RF S-20	RF S-21	
Sample Depth			(1')	(0-3")	(1')	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(1')	(0-3")	(1')	(0-3")	(0-3")	(0-3")	
Date Sample Collected	RES DEC	I/C DEC	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	
PCBs (mg/Kg)																	
PCB-1016	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
PCB-1221	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
PCB-1232	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
PCB-1242	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
PCB-1248	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
PCB-1254	NE	NE	0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.12	0.27	ND<0.099	0.13	ND<0.1	ND<0.11	ND<0.12	0.27
PCB-1260	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
PCB-1262	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
PCB-1268	NE	NE	ND<0.1	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.12	ND<0.12	ND<0.11	ND<0.099	ND<0.11	ND<0.1	ND<0.11	ND<0.12	ND<0.11	
Total PCBs	1	10	0.12	ND	0.27	ND	0.13	ND	ND	0.27							

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November 2011

Parameter	CT RSR Criteria		RF S-22	RF S-22	RF S-23	RF S-24	RF S-25	DUP-2 (RF S-25)	RF S-26	RF S-27	DUP-3 (RF S-27)	RF S-28	RF S-28	RF S-29	RF S-29
Sample Depth			(0-3")	(1')	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(0-3")	(1')	(0-3")	(1')
Date Sample Collected	RES DEC	I/C DEC	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11	11/9/11
PCBs (mg/Kg)															
PCB-1016	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
PCB-1221	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
PCB-1232	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
PCB-1242	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
PCB-1248	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
PCB-1254	NE	NE	0.25	0.27	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	0.33	0.29	0.2	ND<0.097	0.21	ND<0.1
PCB-1260	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
PCB-1262	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
PCB-1268	NE	NE	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.11	ND<0.11	ND<0.12	ND<0.11	ND<0.11	ND<0.097	ND<0.11	ND<0.1
Total PCBs	1	10	0.25	0.27	ND	ND	ND	ND	ND	0.33	0.29	0.2	ND	0.21	ND

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